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\*ADMITTED TO A BAR OTHER THAN VA.

Date: October 31, 2003

Docket No.: 4035-0161P

**MS PATENT APPLICATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b), is a Continuation application of PCT International Application No. PCT/JP02/02002 filed on March 4, 2002. The present application is filed on behalf of the inventor(s) according to the provisions of 37 C.F.R. §1.41(c).

Inventors: Takeshi MATSUOKA; Seiho URATSUKA; Makoto SATAKE;  
Tatsuharu KOBAYASHI; Akitsugu NADAI;  
Toshihiko UMEHARA; Hideo MAENO;  
Hiroyuki WAKABAYASHI; Yasushi FUKAMACHI;  
Fumihiko NISHIO

For: METHOD OF OBSERVING SEA ICE

Enclosed are:

- ☒ A specification consisting of sixteen (16) pages
- ☒ Eight (8) sheet(s) of formal drawings and three (3) sets of color drawings of figs. 2 and 6
- ☐ An assignment of the invention



16179 U.S. PTO

Docket No. 4035-0161P

- ☐ Applicant does not claim priority
- ☒ Applicant claims the right of priority under 35 U.S.C. § 119 based on Application No(s). 2001-342437 filed in Japan on November 7, 2001.
- ☒ Certified copy(ies) is(are) attached hereto.
- ☐ Certified copy(ies) will follow.
- ☒ Information Disclosure Statement w/PTO-1449 and reference(s)
- ☒ Executed Declaration in accordance with 37 C.F.R. § 1.64 will follow
- ☐ Applicant claims small entity status under 37 C.F.R. § 1.27.
- ☒ Preliminary Amendment
- ☒ Priority of PCT International Application No. PCT/JP02/02002 filed on March 4, 2002 is claimed under 35 U.S.C. § 120.
- ☒ Other: Information Sheet and a petition to accept color drawing

The filing fee has been calculated as shown below:

			LARGE ENTITY	SMALL ENTITY
BASIC FEE			\$770.00	\$385.00
	NUMBER FILED	NUMBER EXTRA	RATE FEE	RATE FEE
TOTAL CLAIMS	16- 20 =	0	X 18 = \$0.00	x 9 = \$0.00
INDEPENDENT CLAIMS	4- 3 =	1	x 86 = \$86.00	x 43 = \$0.00
MULTIPLE DEPENDENT <input type="checkbox"/> CLAIMS PRESENTED			+ \$290.00	+ \$145.00
TOTAL			\$856.00	\$0.00

- ☒ A check in the amount of \$986.00 to cover the filing fee and petition fee is enclosed.
- ☐ Please charge Deposit Account No. 02-2448 in the amount of \$0.00. A triplicate copy of this transmittal form is enclosed.

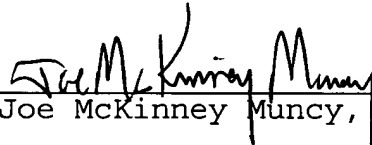
☒ Please send correspondence to:

BIRCH, STEWART, KOLASCH & BIRCH, LLP or Customer No. 02292  
P.O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By   
Joe McKinney Muncy, #32,334

P.O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000

KM/rem  
4035-0161P

Attachment(s)

(Rev. 10/30/03)

IN THE U.S. PATENT AND TRADEMARK OFFICE

I N F O R M A T I O N   S H E E T

Applicant: Takeshi MATSUOKA et al.  
Appl. No.: New  
Filed: October 31, 2003  
For: METHOD OF OBSERVING SEA ICE

Priority Claimed Under 35 U.S.C. § 119 and/or § 120:

Japan	2001-342437	November 7, 2001
PCT	PCT/JP02/02002	March 4, 2002

Send Correspondence to:

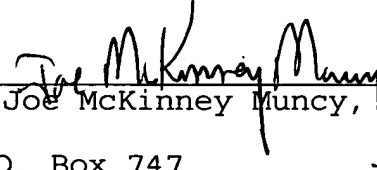
BIRCH, STEWART, KOLASCH & BIRCH, LLP or Customer No. 02292  
P.O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000

The above information is submitted to advise the U.S.P.T.O.  
of all relevant facts in connection with the present application.

A timely executed Declaration in accordance with 37 C.F.R.  
§ 1.64 will follow.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By   
Joe McKinney Muncy, #32,334

KM/rem  
4035-0161P

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IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Takeshi MATSUOKA et al. Conf.:  
Appl. No.: New Group:  
Filed: October 31, 2003 Examiner:  
For: METHOD OF OBSERVING SEA ICE

PETITION UNDER 37 C.F.R. § 1.84(a)(2)  
TO ACCEPT COLOR DRAWINGS AND/OR PHOTOGRAPHS

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

October 31, 2003

Sir:

Applicant hereby petitions that color drawings under 37 C.F.R. § 1.84(a)(2) be accepted in the above-identified application.

Color drawings are necessary as they are the only practical medium by which the subject matter of the present application can be disclosed.

1. Fee Payment (37 C.F.R. § 1.17(h)):

- ☒ A check in the amount of \$130.00 is enclosed.  
☐ Please charge Deposit Account No. 02-2448 in the amount of \$0.00. This form is submitted in triplicate.

2. Color Drawings

Three (3) sets of color drawings are provided, and are believed to be of sufficient quality that all details

will be reproducible in black and white in the printed patent.

3. Amendment to the Specification

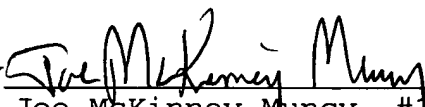
A Preliminary Amendment is being submitted concurrently herewith, providing reference to the color drawings in the first paragraph of the brief description of the drawings.

It is noted that black and white photocopies of any color drawing or photograph are no longer required under 37 C.F.R. § 1.84(a)(2)(iii) as of October 1, 2001.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By   
Joe McKinney Muncy, #32,334

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Attachment(s)

(Rev. 09/30/03)